<u>. 1 - 1188-65</u> im				
ACCESSION THE AP	5004956		8/0286/65/000/002/0059/0060	
AUTHORS: Plinko,	A. P.; Savkina, L. I.) · · · · · · · · · · · · · · · · · · ·	
TITLE: A device	for hermetically seali	ng hollow object	s. Class 42, No. 167658	
ECURCE: Byulleta	il isobretaniy 1 tovar	nykh znakov, no.	2, 1965, 59-60	4,1-4-5 104 (5.1) 44-6/15
DOPIC TAGS: seal	mg. {/}			
cbjects such as to sponsors. To assure the growided with det figuration of the has the shape of	ibes (see Pig. 1 on the end cap which may be to the hermatic sealing inhable inserts, the important object being sealed.	e Enclosure). T drawn into the e g of an object o nner surface of The outer surfa sealing apparat	r hermetically mealing hollow he device includes a clamping and of the object by means of f any diameter, the device is which conforms to the con- ce of the detachable inserts has represents a clamp with a	
ASSOCIATION: non	A STREET, STRE			
SUBMITTED: 23Sec NO REF SOV: 000 Cord 1/9		CII: 01 HER: 000	SUB CODE: 1R	

PLISKO, G. [Pluska, H.], vrach

Combined cardiac insufficiency. Nauka i shyttia 10 no.6:
35-36 Je '60 (MIRA 13:7)

(HEART FAILURE)

PLISKO, J.D.

Dendrobaena auriculata (Rosa, 1897) a new species of earthworms (Oligochaeta, Lumbricidae) for Poland's fauna. Bul Ac Pol biol 10 no.2:61-63 '62.

1. Zoologisches Institut, Polnische Akademie der Wissenschaften, Warszawa. Presented by T.Jaczewski.

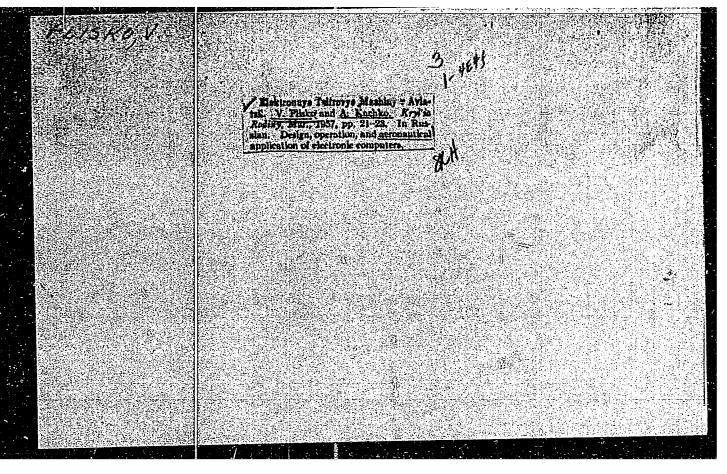
X

ANDREYEVSKAYA, G.D., kand. tekhn. nauk; PLISKO, T.A., inzh.

Some physical properties of continuous basalt fibers. Stek. 1 ker. 20 no.8:15-18 Ag '63. (MIRA 16:11)

1. Institut khimicheskoy fiziki AN SSSR.

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001341310011-6



PLISKO, J.D.

A new location of finding a new species of Dendrobaena platyura (Fitz.) var. montana (Cernosv.) (Oligochaeta, Lumbricidae). Bul Ac Pol biol 10 no.6:229-231 '62.

1. Zoologisches Institut, Polnische Akademie der Wissenschaften, Warsawa. Presented by T. Jaczewski.

PLISKO, J. 1).

Vejdovsky, 1876, a younger synonym of the name Lumbricus lucens Waga, 1857 (Oligochaeta, Lumbricidae). Bul Ac Pol biol 9 no.2:101-104 (EEAI 10:9/10)

1. Instytut Zoologicsny, PAN Presented by T. Jaczewski.

(OLIGOCHAETA) (EARTHWORMS)

PLISKO, V., inzh.

Organizing routine check and repair operations by units and sections in a passenger transportation unit. Avt. transp. 47 no.9:21-23 S 165. (MIRA 18:9)

PLISEO, V.; KACHEO, A.

Electronic calculating machines in aviation. Kryl.rod. 8 no.3:21-23
(MIRA 10:5)

(Electronic calculating machines)

16834-66 ACC NR. AMDOUGES! Monograph Plisko, V. A. (Elementy tsifrovykh mashin) Moscow. Elements of digital computers 0159 p. illus., biblio., 11,500 cories printed. zdat M-va obor. SSSR. TOPIC TAGS: electronic computer, digital computer, computer component, electron tube, semiconductor device, ferrite core memory PURPOSE AND COVERAGE: The book discusses the principles of operation and the selection of parameters for electron tube elements, semiconductor devices and ferrites, used in electronic digital computers. The book describes special aspects in the operation of basic computer blocks and the characteristics of parameters of the elements used. Rasic attention is given to examples for the calculation of electronic digital computer elements on the basis of given characteristics. The book is intended for technical personnel engaged in the operation and maintenance of electronic digital computers, as well as for readers interested in the application of principles of radio electronics in computer technology. TABLE OF CONTENTS (abridged): Foreword --3 Ch. I. Principles of operation and characteristics of electronic digital computers -5 Ch. II. Electron tube elements -- 50 **Card 1/2**

PLISKO, V.A.; PLATONOV, S.A., polkovnik, red.

[Elements of digital computers] Elementy tsifrovykh
mashin. Moskva, Voenizdat, 1965. 159 p.

(MIRA 18:9)

PLISKO. Valeriy Antonovich; PLATONOV, S.A., polkovnik, red.; STRKL'NIKOVA, N.A., tekhn.red.

[Electronic equipment in military science] Elektronnye mashiny v voennom dele. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 74 p. (MIRA 13:5)

(Electronics in military engineering)

CHUGAYEV, Yuriy Gennadiyevich; PLISKO, Valeriy Antonovich; BAVAROV, V.A.; BOL'SHOV, V.M.; GRACHEV, S.N.; PASHKOV, A.A.; KACHKO, A.I.; PLATONOV, S.A., polkovnik, red.; MEDNIKOVA, A.N., tekhn. red.

[Electronic digital computers]Elektronrye tsifrovye vychislitel'nye mashiny. Moskva, Voenizdat, 1962. 405 p. (MIRA 16:1) (Electronic digital computers)

PLISKO, V. A. PHASE I BOOK EXPLOITATION

SOV/6293

Chugayev, Yuriy Gennadiyevich, and Valeriy Antonovich Plisko

Elektronnyye tsifrovyye vychislitel'nyye mashiny (Electronic Computers).

Moscow, Voyenizdat M-va obor. SSSR, 1962. 405 p. 17,500 copies printed.

Resp. Ed.: Yu. G. Chugayev; Ed.: S. A. Platonov, Colonel; Tech. Ed.: A. N. Mednikova.

PURPOSE: This book is intended for military personnel graduated from special military schools and concerned with the operation of electronic digital computers, as well as for technicians and persons desiring to learn the construction and operation of these machines.

COVERAGE: The book describes the design and principles of operation of electronic computers, based on element, unit, and device circuits now in use, but without giving a detailed description of specific machines. As the book is supposed to assist military specialists in their daily

Card 1/87

Electronic Computers (Cont.)

SOV/6293

activities, it does not deal with problems connected with the utilization of new elements or the further development of electronic computers and their use in the military field and other areas of the national economy. The Introduction and Ch. I were written by Yu. G. Chugayev, Chs. II, IV, IX and XI by V. A. Plisko, Ch. III by S. F. Bavarov, Ch. V by A. I. Kachko, Ch. VI by A. A. Pashkov, Chs. VII, VIII and X by V. M. Bol'shov, and Ch. XII by S. N. Grachev. There are 14 references, all Soviet, including 1 translation from English.

TABLE OF CONTENTS:

Foreword		3
Introduction		5
Historical review. electronic computer	Purpose and field of application of s [EC]	5

Card 2/\$2

CHUGAYEV, Yuriy Gennadiyevich; PLISKO, Valeriy Antonovich; BAVAROV, S.F.; BOL"SHOV, V.M.; GRACHEV, S.N.; PASHKOV, A.A.; KACHKO, A. I.; PLAYONOV, S.A., polkovnik, red.; MEDNIKOVA, A.N., tekhn. red.

Control of the Contro

[Electronic digital computers] Elektronnye tsifranye vychislitel nye mashiny. Moskva, Voenizdat, 1962. 405 p. (MIRA 16:2)
(Electronic digital computers)

PHASE I BOOK EXPLOITATION SOV/4304

Plisko, Valeriy Antonovich

- Elektronnyye mashiny v voyennom dele (The Use of Electronic Computers for Military Purposes) Moscow, Voyenizdat, 1960. 74 p. No. of copies printed not given.
- Ed.: S. A. Platonov, Colonel; Tech. Ed.: M. A. Strel'nikova.
- FURPOSE: This booklet is intended for those who are interested in the study of computers and their military uses. Attention is given to the use of computers in armament systems and for training purposes. It may also be useful to the general reader who wishes to acquaint himself with the principles of electronic computers.
- COVERAGE: The author describes the purpose of computers, classifies them according to types, and considers them in relation to their capabilities in solving military operational-tactical problems. Several examples of the military use of computers are given. No personalities are mentioned. There are 10 references: 7 Soviet and 3 translations from the Card 1/3

The Use of Electronic Computers (Cont.) SOV/4304	
Engl:ish.	
TABLE OF CONTENTS:	
Introduction	3
Electronic Machines Which Calculate	5
Types of Electronic Computers	14
Basic Units of Electronic Computers	17
Electronic Machines Which Control Combat Equipment	21
Electronic Machines Which "Think"	40.
Possible Use of Electronic Machines in Solving Operational- Tactical Problems	43
Use of Electronic Machines in Military-Scientific Investigations	54
Card 2/3	

AUTHORS:

Anikeyeva, A. and Pliako, Ye.

sov/so-51-1/1.

TITLE:

Stepan Nikolayevich Danilov (Stepan Nikolayevich Danilov)

His 70th Birthday (K 70-letiyu so dnya rozhdeniya)

PERIODICAL:

Zhurnal prikladnoy khimii, 1959, Nr 1, pp 3-5 (USSR)

ABSTRACT:

This is a short biography of Stepan Mikolayevich Danilov, Director of the Institute for High-Molecular Compounds of the AS USSR. He was born on & January 1888 in Vitebsk and was graduated from the Petersburg University in 1914. In 1950 he was selected as Professor and Head of the Chair for Chemical Processing of Cellulose at the Leningrad Technological Institute imen1 Lensovet, and since then he has occupied this position till to-day. At present he is President of the Leningrad branch of the Chemical Society imeni D.I. Mendeleyev and Corresponding Member of the AS USSR. He was awarded with 2 orders of Lenin, one order of Labor Red Banner, an order of "Sign of Honor" and with medals.

There is 1 photo.

Gard 1/1

PLISKO, Ye.A.; DANILOV, S.N.

Water-soluble sulfomethyl and sulfoethyl cellulose ethers. Zhur. prikl. khim. 36 no.9:2060-2064 D '63. (MIRA 17:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

PLISKO, VE. A.

Inorganic Chemistry

Dissertation: "The Swelling of Quinine in Electrolytes and Synthesis of Its Ethers." Cand Chem Sci, Inst of High Molecular Compounds, Department of Chemical Sciences, Acad Sci USSR, Cct-Dec 1953. (Vestnik Akademii Nauk, Mar 54)

SO: SUN 213, 20 Sept; 1954

PLISKO, YEA

USSR/Chemistry - Polysaccharides

Card 1/1 Pub. 151 - 11/37

Authors : Danilov, S. N., and Plisko, E. A.

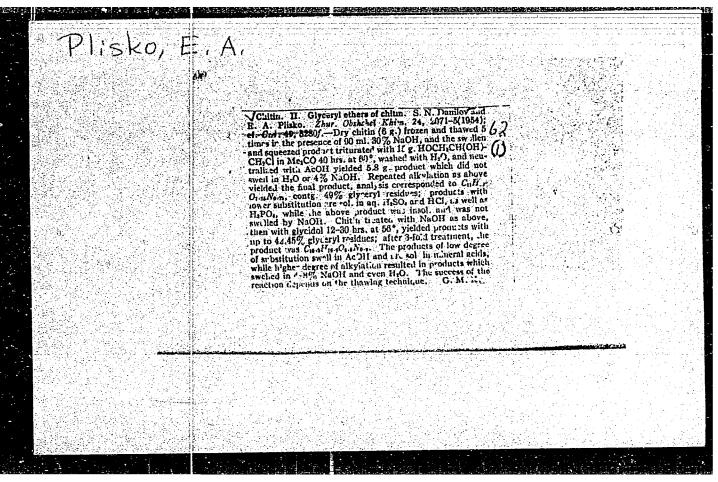
Title : Study of chitin. Part 1 .- Effect of acids and alkalis on chitin

Periodical: Zhur. ob. khim. 24/10, 1761-1769, Oct 1954

Abstract: The effect of alkalis (sodium or potassium hydroxide) at increased temperatures (up to 180°), and the effect of phosphoric acid on chitin were investigated. During repeated freezing and consequent defrosting of chitin partial hydrolysis of the acetyl group takes place at -40° and maximum hydrolysis was observed during the swelling and solution of the chitin. Complete solution of chitin was observed only at high phosphoric acid concentrations. The effect of high H₂PO₄ concentration on the solubility of chitin, is explained. Nineteen references: 12-German; 4-USSR; 2-USA and 1-Swiss (1880-1951). Tables; graphs.

Institution : Academy of Sciences USSR, Institute of High-Molecular Compounds

Submitted : February 23, 1954



PLISKE VE. IT

AUTHORS:

Menkova, N. I. and Plisko, Ye. A.

79-2-26/58

TITLE:

Hydrophilic Properties and the Swelling Points of Chitin (Gidrofil'nye svoystva i Teploty Nabukhaniya Khitina)

PERIODICAL:

Zhurnal Obshchey Khimii, 1957, vol 27, No 2, pp. 399-402 (U.S.S.R.)

ABSTRACT:

Experiments were conducted to determine the hydrophilic properties and swelling points of chitin (C15H26O10N2) and compare them with analogous

data for cellulose fibers.

It was established that the specific heat of chitin is close in magnitude to that of cellulose fibers. The moisture absorbed by chitin at 100% relative humidity in contrast to cellulose fibers freezes almost complacely which imitiates that childh has no greater internal active surface. where the seter miscules are retained. It was found that critical has a bygroscopicity close to mercerised cellulose fibers and considerally greater than remis fibers. A study of the swelling points of chitin in sodium hydroxide solutions showed that the reaction of the lydroxil groups with NaCH molecules in chitin is quite complicated. The data obtained

Card 1/2

Hydrophilic Properties and the Swelling Points of Chitin 79-2-26/53

indicate that the structure of chitin is less accessible to reagents than the structure of cellulose fibers which lies in direct relationship with the low reactivity of chitin during esterification.

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Air-dry chitin as well as chitin desiccated at 105° is highly water abscrbing and calorimetric measurements were possible within several minutes.

2 tables. There are 5 references, of which 4 are Slavic

ASSOCIATION: USSR Academy of Sciences, Institute of High Molecular Compounds

PRESENTED BY:

SUBMITTED: March 10, 1956

AVAILABLE: Library of Congress

Card 2/2

DANILOV, S.N.; PLISKO, Ye.A.

L. Invited gracicallakelyaraykh acyadinaniy di 1820. (Chita)

Synthesis of cellulose ethers by means of bennenesulfonates.

Zhur. ob. khim. 31 no. 2:474-476 F '61. (MEL 14:2)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. (Cellulcse) (Benzenesulfonic acid)

L 17901-63 ENP(ACCESSION NR: AP3003772	j)/EWT(m)/HDS ASD Pc-4 RM S/0080/63/036/	006/1303/1307	
ACCESSION AND ACTOURIE		to a value of the second of t	्रिक्षा इ.क्ष्रि
Designation of the second seco	Toppnova, I. G.; Danilov, S. H. esters of cellulose containing substitut	59	L.A
carbon chain	estors or restances beneating support		
SOURCE: Zhurnal prikladi	noy khimii, v. 36, no. 6, 1963, 1303-1307		
医皮肤 经收益基本 的复数形式的人 经成本 医抗糖 机电流 医水体性病			
MODIC TACS: enter call	ulose, carbon chain. isopropane. isobutan	e, tributane	
활동시에 되었습니다 하는 사람들이 많을 때 없다	ulose, carbon chain, isopropane, isobutan		
ARSTRACT: It has been s	hown that previously-described unknown is	opropane iso-	
ABSTRACT: It has been all hutene and tributane est	hown that previously-described unknown is ers of the benzolsulphuric acids are alks	opropane iso- lazing media.	
ABSTRACT: It has been all hutene and tributane est	hown that previously-described unknown is ers of the benzolsulphuric acids are alka isopropane esters of cellusose possess hi	opropane iso- lazing media.	
ABSTRACT: It has been all butane and tributane est. The films from tributane properties. Orig. art.	hown that previously-described unknown is ers of the benzolsulphuric acids are alka isopropane esters of cellusose possess hi has: 6 tables.	opropane iso- lazing media. gh mechanical	
ABSTRACT: It has been all butane and tributane est. The films from tributane properties. Orig. art.	hown that previously-described unknown is ers of the benzolsulphuric acids are alka isopropane esters of cellusose possess hi has: 6 tables.	opropane iso- lazing media. gh mechanical	
ABSTRACT: It has been all butane and tributane est. The films from tributane properties. Orig. art.	hown that previously-described unknown is ers of the benzolsulphuric acids are alka isopropane esters of cellusose possess hi has: 6 tables.	opropane iso- lazing media. gh mechanical	
ABSTRACT: It has been all butane and tributane est. The films from tributane properties. Orig. art. I association with the properties of the content of the properties of the	hown that previously-described unknown is ers of the benzolsulphuric acids are alka isopropane esters of cellusose possess hi has: 6 tables. y sokonolekulyarny*kh soyedineniy AR SSS 411 181111)	opropane iso- lazing media. gh mechanical	

Mechanism of oridation of cellulose ethers by crygen. Fart 15: Effect of the chain length of the substituent in alighatic cellulose ethers on their oxidation rate. Vysokom.soed. 5 no.3:424-427 Mr 163.

(MIRA 16:3)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

(Cellulose ethers) (Oxidation) (Substitution (Chemistry))

Stepun Bikolaevich Danilov; on his seventieth birthday. Zhur.
prikl.khim. 32 no.1:3-5 Ja '59. (MIRA 12:4)
(Danilov, Stepan Bikolaevich, 1889-)

PLISKO, Ye.A.

Search for new synthesis of cellulose ethers. Zhur.ob.khim. 28 no.12:3214-3216 D 158. (MIRA 12:2)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. (Cellulose)

PLISKO, Ye.A.; OKUN', M.G.; GRAD, N.M.; GINTSE, N.F.

Work of S.N. Danilov in the field of cellulose and its ethers and esters. Zhur.ob.khim. 28 no.12:3174-3184 D '58. (MIRA 12:2) (Danilov, Stepan Nikolaevich, 1889-) (Cellulose)

AUTHORS:

Danilov, S. N., Plisko, Ye. A.

sov/79-28-8-45/66

TITLE:

Investigation of Chitin (Izucheniye khitina) III. Hydroxy-Ethyl-

and Ethyl Ether of Chitin (Oksietilovyye i etilovyye efiry

khitina)

PERIODICAL:

Zhurnal obshchey khimii, 1958, Vol. 28, Nr 8, pp. 2217 - 2223 (USSR)

ABSTRACT:

The authors had previously pointed out that the synthesis of chitin ether is made difficult by the fact that chitin is swelling very little in the solutions of alkali (Ref 1). The investigation of the heats of swelling (Ref 2) in solutions of sodium hydroxide shows that the reaction of chitin is inhibited by the lye. In former attempts to attain the hydroxy-ethyl ethers of chitin it was found that these are not formed under the same conditions as in the synthesis of the hydroxy-ethyl ethers of cellulose. The etherificationand activation conditions with alkali liquor were varied: chitin was treated with alkali during freezing, the etherification was carried out at higher temperature which took more

time. Besides, the chitin was used in the etherification in various states of pulverization whereat the molecular

Card 1/3

Investigation of Chitin. III. Hydroxy-Ethyl- and Ethyl Ether of Chitin

sov/79-28-8-45/66

ratio between it and the ethyleneoxide was also varied. Hydroxy-ethyl others of a high degree etherification were obtained which are soluble in water and diluted sodium hydroxide. The ethylation of the chitin treated with alkali liquor was performed with ethyl chloride in sealed tubes in the autoclave. The newly synthesized ethyl-ethers of chitin are soluble in alcohols, ketones, hydrocarbons and esters. The films from ethyl chitin are equal to those from ethyl cellulose as far as their durability is concerned. There are 3 figures, 4 tables, and 7 references, 5 of which

are Soviet.

ASSOCIATION: Institut Vysokomolekulyarnykh soyedineniy Akademii nauk SSSR

(Institute of High-Molecular Compounds, AS USSR)

SUBMITTED:

July 4, 1957

Card 2/3

Investigation of Chitin. III. Hydroxy-Ethyl-and SOV/79-28-8-45/66
Ethyl Ether of Chitin

Card 3/3

AUTHOR:

Plisko, Ye. A.

SOV/75-28-12-10/41

TITLE:

Search for New Ways of Synthesizing Cellulose Ethers (Izyskaniye novykh putey sinteza prostykh efirov tsellyulozy)

PERIODICAL:

Zhurnal obshchey khimii, 1958, Vol 28, Nr 12, pp 3214-3216 (USSR)

ABSTRACT:

The synthesis of low-substituted methyl and ethyl ethers of cellulose by means of dialkyl sulfates is troublesome, not to mention their harmful character. It was, therefore, of interest to find new alkylation agents for cellulose. The methyl and ethyl esters of the p-toluenesulfonic acid were used as alkylation agents besides in other compounds (Refs 1-3), also for cellulose, yet the properties of the ethers obtained were not described (Ref 4). In the present paper the alkylation of cellulose was carried out with p-toluene sulfates as well as with toluene-di, benzene- and a maphthalene sulfates according to the scheme:

 $\begin{array}{lll} {\rm RSO_2OR_1} \; \div \; ({\rm C_6H_{10}O_5})_{\rm n} \; \longrightarrow & \left[{\rm C_6H_{10-x}O_{5-x}(OR_1)_x} \right] \; {\rm n, \ where} \\ {\rm R=C_6H_5, CH_3C_6H_5, C_{10}H_7, R_1=CH_3, C_2H_5, n.-C_3H_7, n.-C_4H_9, C_6H_5} \end{array}$

Card 1/3

Search for New Ways of Synthesizing Cellulose Ethers

STREET PROPERTY MEET OF MEET PROPERTY OF THE P

SOV/79-28-12-10/41

Alkali cellulose, a cellulose dissolved in triethyl benzylammonium hydroxide, and a hydrocellulose dissolved in a 9-10%
soda lye were alkylated. The alkylation of alkali cellulose
failed. The alkylation of cellulose in the solution of an
organic base takes place more intensely than in an alkali
solution, with even in the latter case only 3-10% methyl or
othyl radicals being introduced, as compared to the 12-35% in
the former case. In the alkylation of the cellulose dissolved
in alkali liquor with benzene sulfates the methyl ester reacts
more readily than the ethyl ester, and the latter more readily
than propyl ester etc., which, however, is not the case when
using a cellulose dissolved in an organic base, as that reaction takes place more intensely. For details see experimental
part. There are 2 tables and 5 references, 2 of which are
Soviet.

ASSOCIATION:

Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR (Institute of High-Molecular Compounds, Academy of Sciences, USSR)

Card 2/3

AUTHORS:

Plisko, Ye. A., Okun', M. C., Grad, N. M., Gintse, N. F.

SOV/79-28-12-3/41

TITLE:

On S. N. Danilov's Work in the Field of Cellulose and Its Ethers (O rabotakh S. N. Danilova v oblasti tsellyulozy i

yeye efirov)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 28, Nr 12,

pp 3174-3184 (USSR)

ABSTRACT:

The manifold scientific activity of Danilov was closely connected with the chemistry of cellulose and its derivatives, as well as with alginic acid and chitin. It led to new findings on the behavior of cellulose to its solvents, on nitrocellulose, acetyl cellulose, nitro-acetyl cellulose, cellulose ether, the hydrolysis of alginic acid, and chitin. Together with Gintse, N.F. Danilov investigated the solution conditions of cellulose in phosphoric acid (Ref 104), and it was found that the hydrates play an important role in their dissolution in concentrated

solutions of the electrolytes. A new method for the

determination of the copper numbers required for important outstanding properties of cellulose (Ref 67) was devised. The investigation of the cellulose molecules with one oxygen less,

Card 1/3

On S. N. Danilov's Work in the Field of Cellulose and Its Ethers

507/79-28-12-3/41

their desoxy, anhydride and unsaturated derivatives raised great interest. The use of acetyl cellulose membranes as a substitute of glass in hotbeds was worked out. Danilov's excellent investigation of the nitration of cellulose was proof of the nitration theory devised by Mendeleyev-Sapozhnikov (Ref 63). The oxy-butyl ethers of cellulose (Ref 51) and the carboxy-methyl cellulose (Ref 35) were synthesized for the first time. The work carried out by Danilov and his cooperators on chitin considerably widened the knowledge of natural polymers. His work in the field of cellulose ether and cellulose ester is directly continued by his work on ouprammonia solutions of cellulose, xanthates, and viscose. The cuprammonia solution of cellulose consists, according to Danilov, of the high. molecular compound: $\left\{ \left({^{\circ}_{6}H_{10}O_{5} \right)_{x} \cdot \left[{^{\circ}_{2}Cu(NH_{3})_{m}(OH)_{2}^{\circ}}_{y} \cdot \left({^{\circ}_{2}O_{2}^{\circ}}_{z} \right)_{x}^{\circ} \right\} \right\}$ where the cellulose and the cuprammonia base form a molecular compound of variable compositon at the expense of the hydrogen

Card 2/3

On S. N. Danilov's Work in the Field of Cellulose SOV/79-28-12-3/41 and Its Ethers

bonds. The viscose research was widened by new knowledge and was put on a new basis (its compositon during the process of maturation). In Danilov's laboratory synthesis methods were devised which are closely connected with the technology of viscose processing. There are 141 references, 130 of which are Soviet.

Card 3/3

DANILOV, S.N.; PLISKO, Ye.A.

Study of chitin. Part 3: Oxyethyl and ethyl chitine ethers. Zhur. ob. khim. 28 no. 8:2217-2223 Ag '58. (MIRA 11:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. (Chitin)

PLISKO, Ye.A.

DANILOV, S.N.; PLISKO, Ye.A.

Study of chitin. Part 2. Glycerination of chitin ethers. Zhur.ob. khim.24 no.11:2071-2075 H '54. (MIRA 8:3)

1. Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR. (Chitin) (Glycerol)

PLISKO, VE. A. H.I.; PLISKO, Ye.A.

Hydrophilic properties and heat of swelling of chitin. Zhur. ob. khim. 27 no.2:399-402 F *57. (MIRA 10:6)

1. Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR. (Chitin)

DANILOV, S.N.; PLISKO, Ye.A.; PYATVINEN, E.A.

Ethers and the reactivity of cellulose and chitin. Izv. AN SSSR. Otd.khim.nauk no.8:1500-1506 Ag '61. (MIRA 14:8)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. (Cellulose ethers)
(Chitin)

PLISEO, Yu., inshener-mayor puti i stroitel'stva

Using cable cranes at railroad coal depots. Zhel.dor.transp. zo.10:
(MERA 8:12)

(Granes, derricks, etc.)

L 04682-67 EWT(d)/ENT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(1) IJP(c) JD

ACC NR: AR6020937 SOURCE CODE: UR/0137/66/000/002/B018/B018

AUTHOR: Pipko, A. I.; Pliskovskiy, V. Ya.; Puzyriyskiy, Yu. S.

TITLE: Component transfer mechanisms in vacuum and hydrogen resistance furnaces

SOURCE: Ref. zh. Metallurg, Abs. 2B120

REF SOURCE: Elektrotermiya. Nauchno-tekhn. sb., vyp. 45, 1965, 17-21

TOPIC TAGS: vacuum furnace, resistance furnace

TRANSLATION: A description of several types of a transfer mechanism for components is presented, the transfer mechanism being one of the basic units of continuous vacuum and hydrogen resistance furnaces. In particular, a schematic of the "walking beam" transfer mechanism used in the LM-4460 continuous vacuum furnace, is described and characteristics of this type of transfer mechanism are enumerated. It was demonstrated that this transfer mechanism may be used with minimum maintenance in vacuum furnaces with different standard dimensions. The construction of transfer mechanism units, designed for operation under ultrahigh vacuum conditions is described (the vacuum in the operating zone of the furnace =1.10 mm Hg). 6 figures, 5 references. V. Pryanikova.

SUB CODE: 13
Heat treating

Card 1/1

UDC: 669:621.783:621.365.4

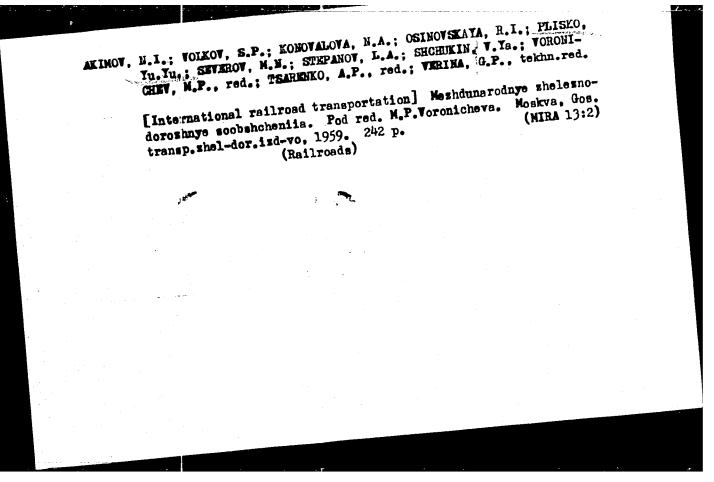
32

 \mathcal{B}

W/EM IMT(m)/BMP(w)/ETC(m) 17:8790-66 SOURCE CODE: UR/0119/65/000/011/0008/0010 ACC NR: AP5028028 AUTHOR: Plistin, Yu. S. (Candidate of technical sciences); Suchkov, Yu. S. (Engineer) ORG: none TITLE: Measuring the average forces by string-type and vibration-frequency sensors in the presence of vibrations SOURCE: Priborostroyeniye, no. 11, 1965, 8-10 TOPIC TAGS: mechanical force, force measurement qui ABSTRACT: The problem of measuring the average force upon which vibrations are superposed is considered; the force is measured by the number of pulses per unit time counted by an output instrument. Two types of errors - a dynamic cutoff error and a dynamic nonlinearity error - are recognized. The cutoff error UDC: 620.178.53:621.3.088.24 Card 1/2

PLISKIN, Yu.S., kand.tekhn.nauk; SUCHKOV, Yu.S., inzh.

Measuring mean values of stresses with sire and vibrationfrequency pickups in the presence of vibrations. Priborostroenie mo.ll:8-10 N 165. (MIRA 18:12)



PIISKO, Zora.

PLISKO, Zora.

The dearest of all. Rad.i sial. 33 no.12:19-20 D '57. (MIRA 10:12)

(Mink:-Courts)
(Women as judges)

PLISKONOS, K.

Metal in excess of the plan. Sov.profsoiuzy 7 no.1:43
Ja '60. (MIRA 12:12)

1. Predsedatel' komiteta profsoyuza Magnitogorskogo metallurgicheskogo kombinata. (Magnitogorsk--Steel industry) (Socialist competition)

PLISKOVA, Marta, inz.; HAMATOVA, Eva, inz. dr., ScC.

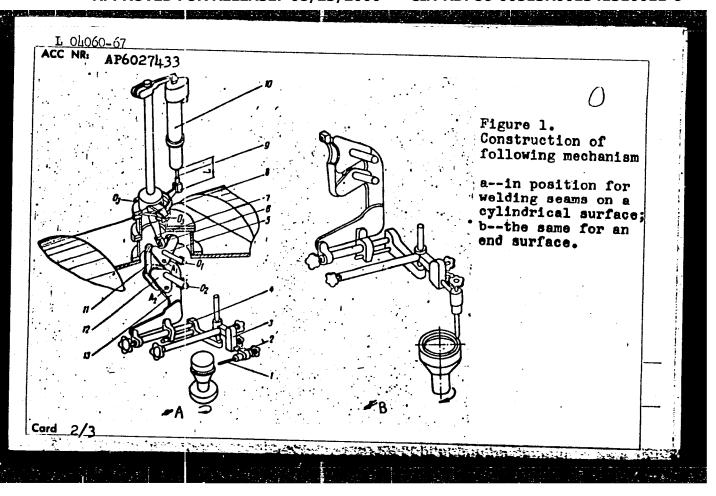
Effect of mulching on the development of microflora. Rost vyroba 9 no.5:501-510 *63.

1. Ustredni vyzkumny ustav rostlinne vyroby, mikrobiologicke oddeleni, Razyne.

FLISKOVSKAYA, L.K., podpolkovnik meditsinskoy sluzhby

Features of the clinical course of diffuse nephritis. Voen-med.
zhur. no.10:14-18 0 *59. (MIRA 13:3)
(NEPHRITIS)

ACC NR: AP6027433	SOURCE CODE: UI	R/0125/66/000/007/0060/	0062
AUTHOR: Yermolayev, A. A. I. (Moscow); Pliskov Tsybul'skiy, I. Ya. (Mo	skiv. V. Ya. (Moscow):	I. V. (Moscow); Pipko, Puzyriyskiy, Yu. S. (Mo	scow);
ORG: none TITLE: Following mechan	nism for arc welding in	n an inert gas	15 13
SOURCE: Avtomaticheska	ya svarka, no. 7, 1966	, 60-62	
TOPIC TAGS: arc welding	g, inert gas welding,	Ceed mechanism	
ABSTRACT: The article of following mechanism said of the welding seam in a potentials (for example	d to assure stability (welding in inert gases	of the geometric dimens with high ionization	ype ions
t .			
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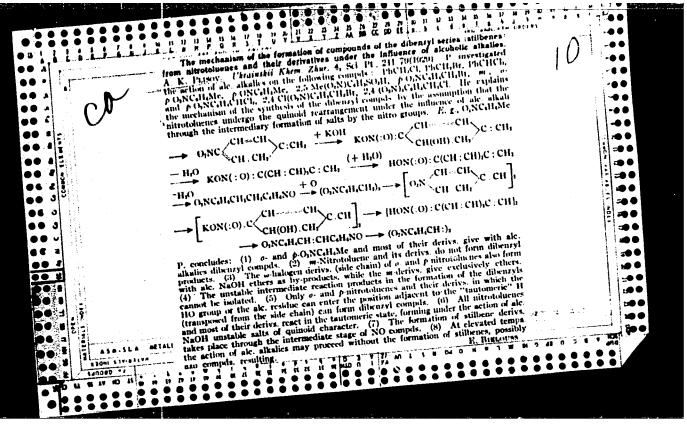
L 04060-67 ACC NR: AP6027433

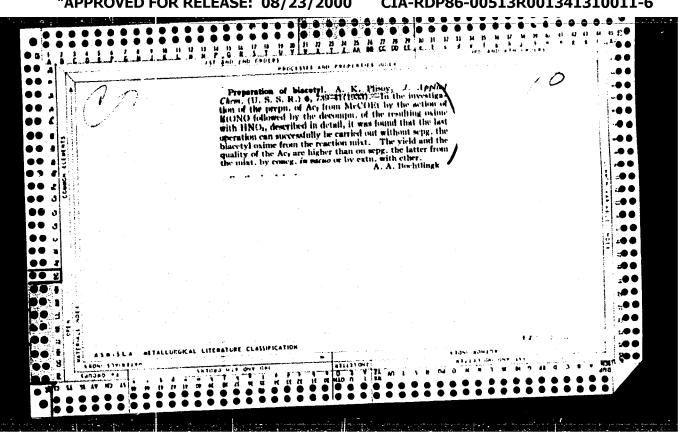
O

Electrode 1 is fastened to support 13 by means of clamps 2, 3, and 4. Clamp 2 makes it possible to rotate the electrode in a vertical plane and to change its position from the horizontal (Fig. 1, a) to the vertical (Fig. 1, b). Clamps 3 and 4 make it possible to regulate, respectively, the vertical and horizontal positions of the electrode. The support is connected by a swivel joint with levers 12 and 5, which are connected between themselves by link 11. Lever 5, with the aid of link 6 and lever 7, is connected in a swivelling fashion with shaft 9, which can execute forward and backward displacements, activated by a Type MP-100M of SL-161 electric motor, 10, with a built-in reducer. Experimental tests of the mechanism in argon are welding have shown reliable maintenance of an interelectrode gap of 1 mm, with an accuracy of + 10%, in a range of welding currents from 15 to 150 amps. The article also gives a detailed diagram of the electric control circuit. Orig. art. has: 2 figures.

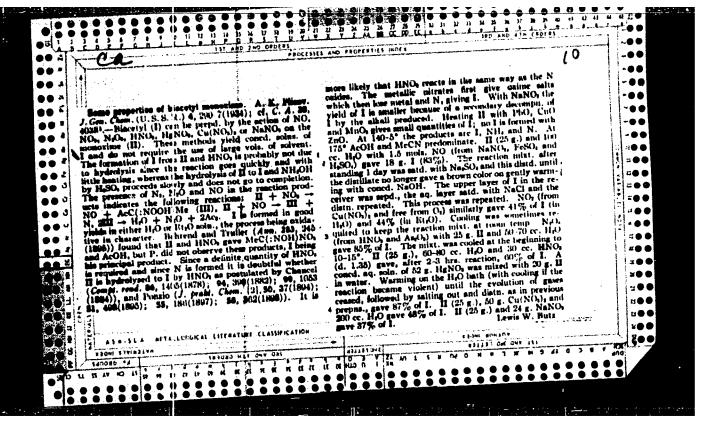
SUB CODE: 13/ SUBM DATE: 02Mar66/ ORIG REF: 004

Card 3/3

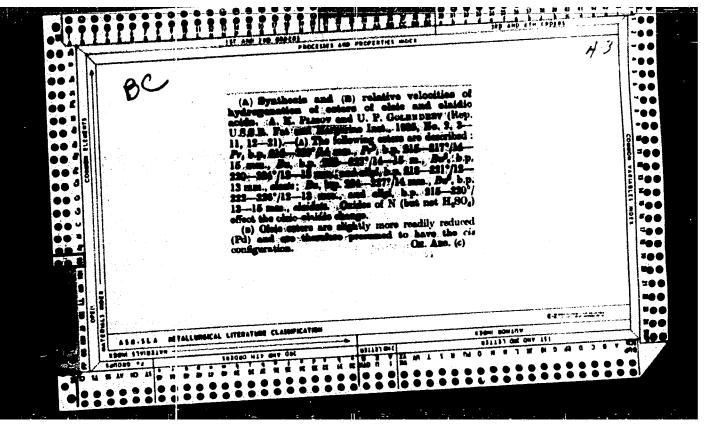


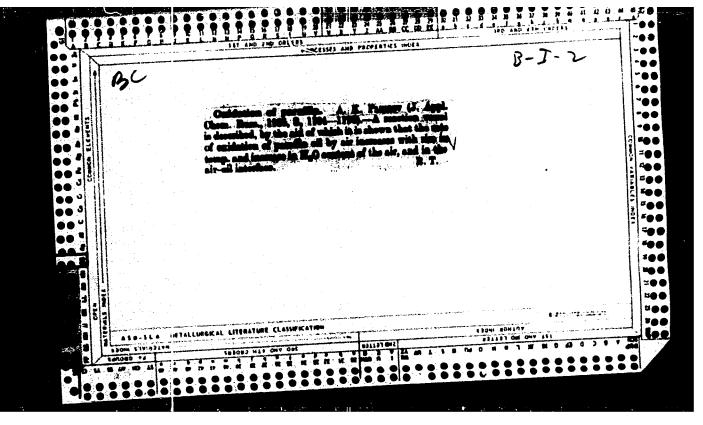


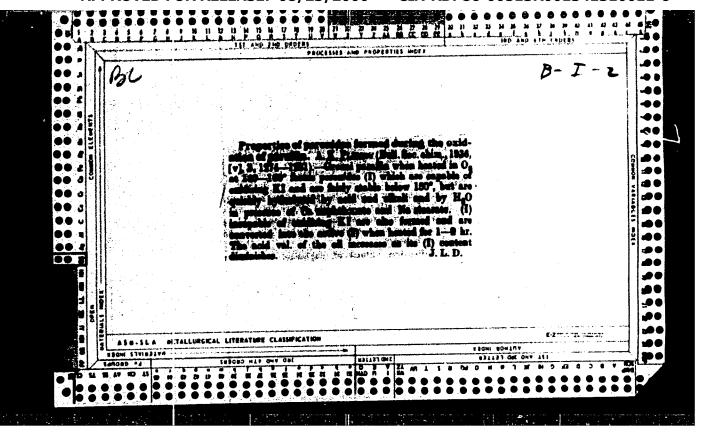
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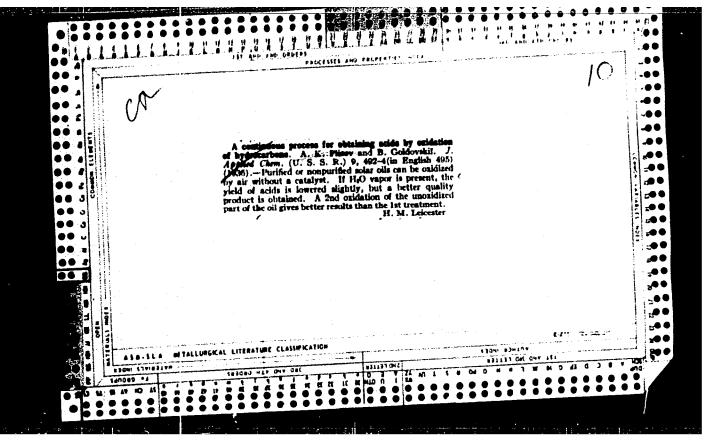


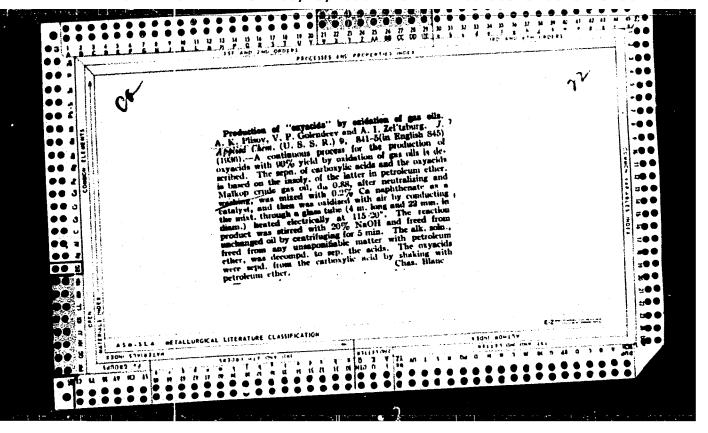
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PLISOV, A. K.

"On the Properties of Peroxides in Oxidized Paraffin," Zhur. Obshch. Khim., 9, No. 2, 1939. Laboratory of Organic Chemistry, Krasnodarsk Chemico-Technological, Institute of the Fat Industry imeni Molotov. Received 25 May 1938.

Report U-1517, 22 Oct 1951

PLISOV. A. K., GREBENNIKOVA, M. D.

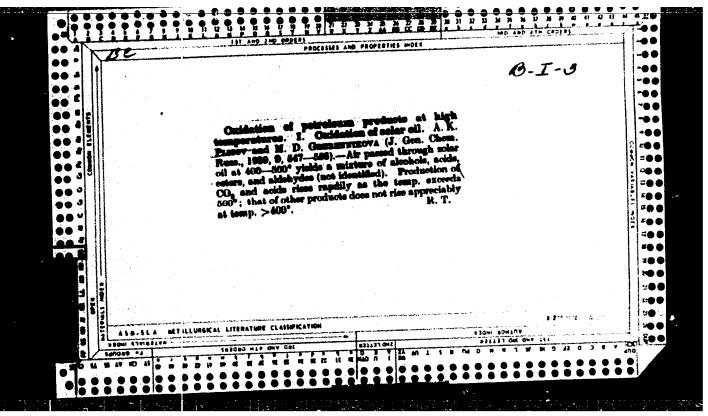
"Oxidation of Petroleum Products at High Temperatures -- I. Oxidation of Solar Oil,"

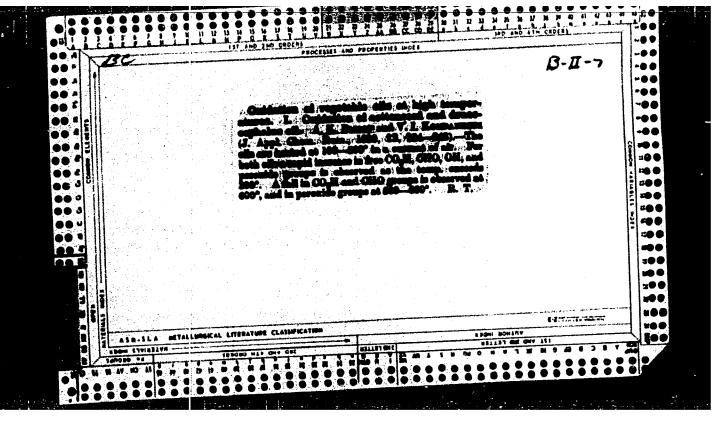
Zhur. Obshch. Khim., 9, No. 6, 1939.

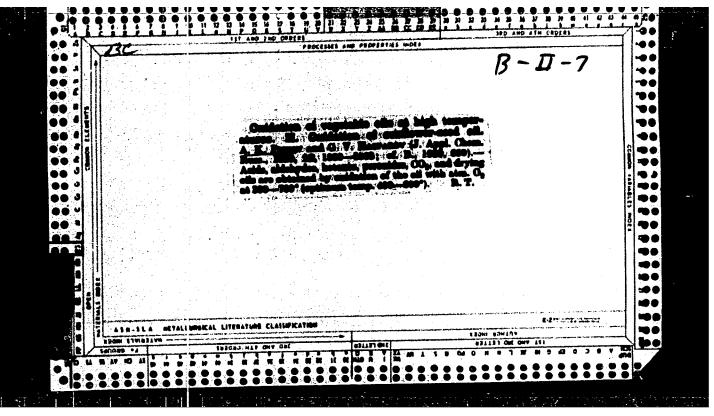
Laboratory of Organic Chemistry, Chemico-Technological Institute, Krasnoder.

Received 14 July 1938.

Report U-1517, 22 Oct 1951







PLISOV, A. K.

20554 FLISOV, A. K. O sposobe rolucheniya elaidinovoy kisloty. Trudy krashodarsk. in-ta rishch prom-sti, vyp. 4, 1948, s. 51-55.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva - 1949

FLISOV, A.K.

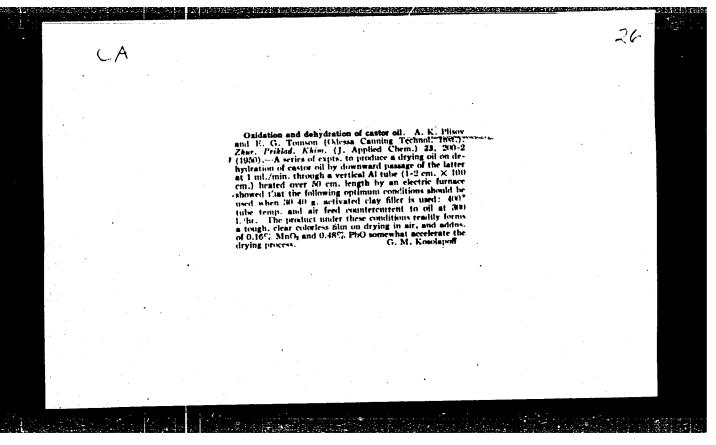
20553 FLISOV, A.K. Okataliticheskom pazlozhenii kislot l'nyanogo masla. Trudy krashodarsk. In-ta nisheh. Irom-sti, vyp. 4, 1948, s. 111-13

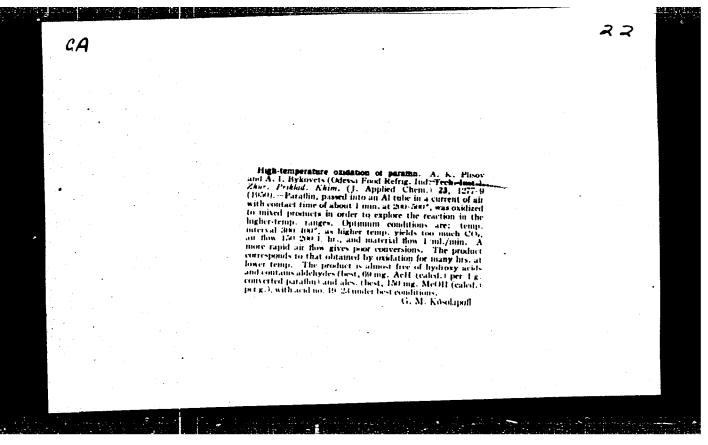
SO: LETOPIS ZHURNAL STATEY - Vol. 22, Moskva, 1949

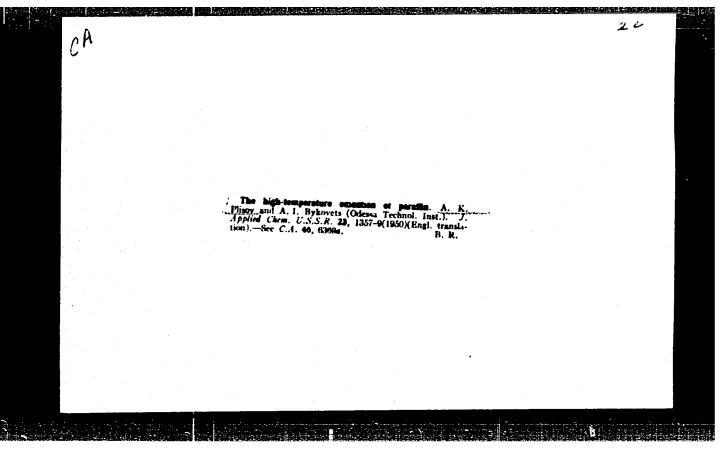
PLISOV, A. K.

20816. Plisov, A. K. Okisleniye rastitel'nykh masel pri vysekikh temperaturaką. Okisleniye masel perilly, konopli i l'na. Trudy Krasnodarsk. in-ta pishch. prom-sti, vyp. 4, 1948, s. 115-22.

SO: LETOPIS ZHURNAI STATEY - Vol. 28, Moskva, 1949.







Cham Obs 147

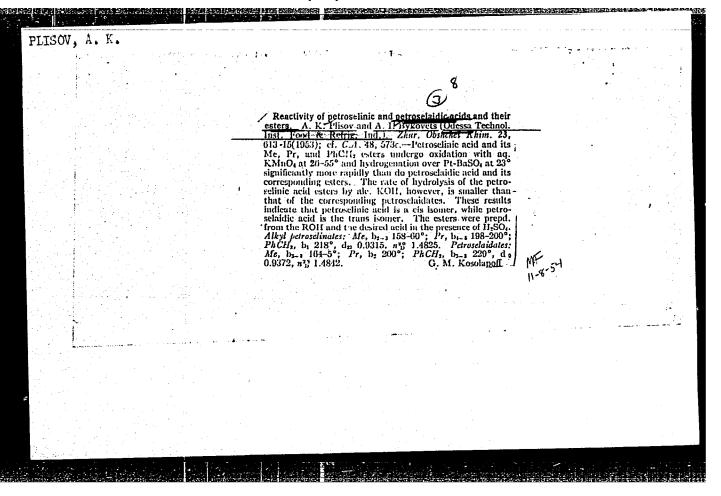
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Cham Obs 147

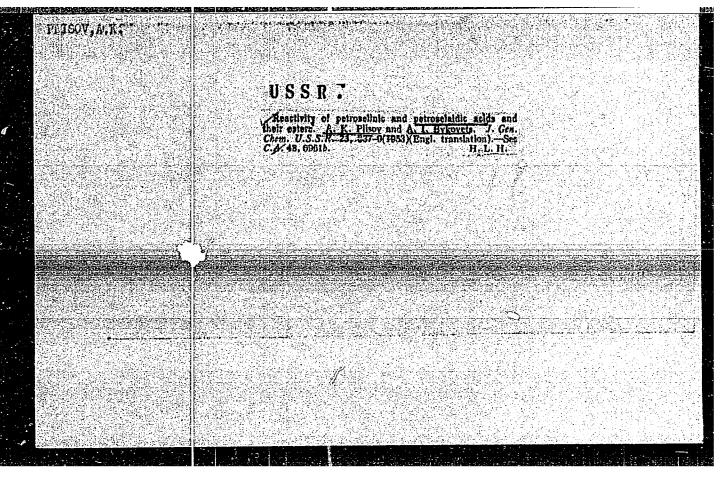
Cham Obs 147

Congarus Chamisle, Soft Hald, Thin, 287, 40, 08789, in ale. KOll was exand. at 55 the reaction being followed by deta, of electrocond, of the reaction mater identical conditions the challete, by 217, 40, 08789, was also supposed with ale. Koll was exand. at 55 the reaction mater identical conditions the challete, by 217, 40, 08789, was also supposed with ale. Koll was caused at Koll children that the chaldete spoulific more mobily than the cleate. Hydrogenation of the elaidate is smaller than that of the obsate by a 1:1145 factor; the free acids showed that the rate of hydrogenation of the elaidate is a smaller than that of the obsate by a 1:1145 factor; the free acids shows a similar ratio and in the ster. The results confirm the els structure of oleic and trans structure of childic acids.

G. M. Kosolapoff



"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001341310011-6



PLISOY, A.K.	
	Configuration and properties of unsaturated acids and their derivatives: Oxidation of oxidepenois acids and their extern. A. K. Pitov and N. P. Enlarcht (October 1988). Zawa Oktober 2011.
	L.A. 28, 0951b.—Ohic and petroselinic acids are exidized by KMnO, in McCO more rapidly than elablic and petroselinic acids are exidized by KMnO, in McCO more rapidly than elablic and petroselinic acids. The result is in accord with the concept of steric hindranes at the trans-double bond. The rejections were followed by titration of the nuchanged KMnO, in mixts, kept at either 10 or 20°. G. M. Koselanosii.—
	et. Organia Chem Odesson State Univ

PLISOV, A. K.

USSR/Chemistry

Card 1/1

Authors : Plisov, A. K.; and Bykovets, A. I.

Title : Configuration and properties of unsaturated acids and their derivatives.

Part.2. - Properties of cinnamic acids and their esters.

Periodical: Zhur. Ob. Khim. 24, Ed. 5, 852 - 856, May 1954

Abstract : The synthesis of propyl ether of cis-cinnamic acid is described. A dif-

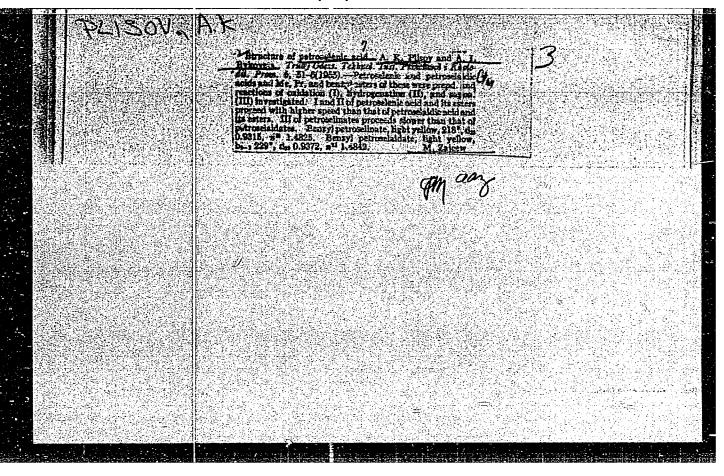
ference was established in the relative rate of hydrogenation of cisand trans-cinnamic acids. Cis-cinnamic acid attracts hydrogen with greater ease. Oxidation of cinnamic acids and their esters takes place at different rates. Cis-cinnamic acid and its ester oxidizes faster than trans-cinnamic acid and its ester; the esters oxidize slower than the corresponding acids. The configuration of the cis-form of cinnamic

acids is elucidated. Three references. Graphs.

Institution: The Institute of Food Industry, Odessa, Ukr-SSR

Submitted: November 27, 1953

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001341310011-6



PLISOV, A.K.; ZHURAVLEVA, 1.M.

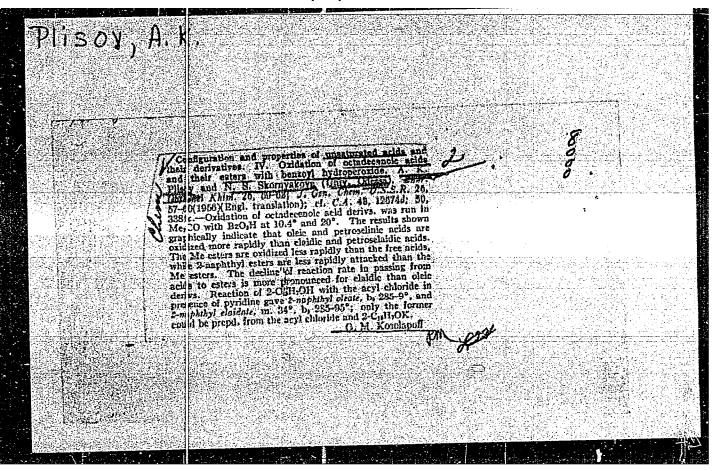
Configuration and properties of unsaturated acids and their esters. Part 15: Synthesis and properties of & -bromocinnamic acids and their esters. Zhur. ob. khim. 34 no.9:3102-3107 S 164.

(MIRA 17:11)

PLISOV, A.K.; BYKOVETS, A.I.

Configuration and properties of unsaturated acids. Part 3. Reactivity of β -[suffuryl]-acrylic acids and their esters. Zhur.ob. 25 no.6:1194-1199 Je '55. (MIRA 8:12)

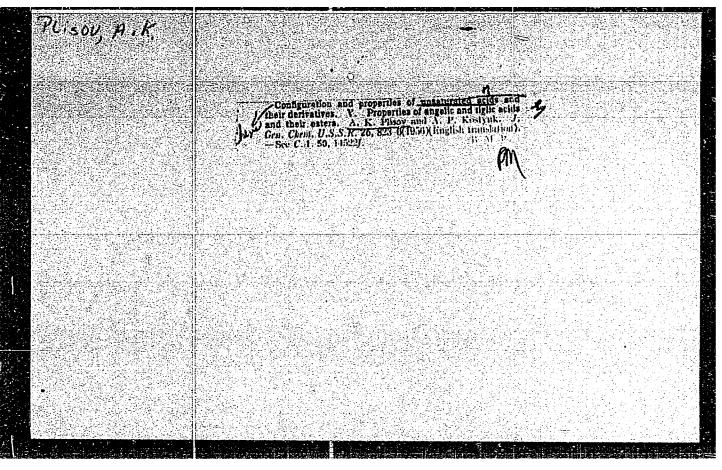
1. Odesskiy institut pishchevoy i kholodil'noy promyshlennosti (Furanacrylic acid)



PLISOV, A.K.; KOSTYUK, A.P.

Configuration and properties of unsaturated acids and of their derivatives. Part 5. Properties of angelic and tiglic acids and of their esters. Zhur.ob.khim. 26 no.3:715-719 Mr '56. (MLRA 9:8)

1. Odesskiy gosudarstvennyy universitet.
(Angelic acid) (Tiglic acid)



AUTHORS:

Plinov, A. K., and Bogatskiy, A. V.

79-2-18/58

TITLE:

Configuration and Properties of Unsaturated Acids and their Derivatives Part: 6. Reactivity of Stereoisomeric Crotonic Acids and Their Esters. (KONFIGURATSIYA i svoystva nepredel nykh kislot i ikh proizvodnykh. VI. 0 reaktsionnoy sposobnosti stereoizomernykh krotonovykh kislot i ikh efirov)

PERIODICAL:

Zhurnal Obshchey Khimii, 1957, vol 27, No 2, pp. 360-364 (U.S.S.R)

ABSTRACT:

The authors synthesized butyl, isobutyl, isoemyl and benzyl ethers of isocrotonic acid and benzyl ether of crotonic acid and described their properties. Crotonic acid with a melting point of 72° (trans-isomer) hydrogenates much slower than isocrotonic acid with a melting point of 14° (cis-isomer). The authors established the difference in the relative rates of hydrogenation of crotonic and isocrotonic acids; isocrotonic acid attracts hydrogen very easily. It is explained that the difference in the relative rates of hydrogenation exist also during reactions with different catalysts (pt, pd) in different solutions (alcohol, acetic acid) and at different temperatures. It was found that the increase in alcohol radical in the ester group leads to a reduction in the relative rate of

Card 1/2

79-2-18/58

Configuration and Properties of Unsaturated Acids and Their Derivatives Part 6.

hydrogen addition and the difference becomes more noticeable when compared with different crotonic acid esters.

The trans- and cis- structures of the isocrotonic and crotonic acids and their esters were established on the basis of the differences in the relative rate of hydrogenation.

6 tables. There are 17 references, of which 8 are Slavic.

ASSOCIATION:

Odessa State University

PRESENTED BY:

SUBMITTED:

February 28, 1956

AVAILABLE:

Library of Congress

Card 2/2

PLISOV, A.K.; STEPANOVA, C.S.

Oxidation of cirnemic arid cotyl esters. Nauch. ezhegod. Khim.
fak. Od. un. no.2:99-162 '61. (MIRA 17:8)

PLISOV, A. K.; BOGATSKAYA, Z. D. [Bohats'ka, Z. D.]; SHEYKO, L. D.

Vapur-phase refining of cracked and straight-run gasolines by means of the Odessa gray-green clay. Khim. prom.[Ukr.] no.1: 89-90 Ja-Mr 162. (MIRA 15:10)

1. Odesskiy gosudarstvennyy universitet im. Mechnikova.

(Gasoline) (Clay) (Sulfur compounds)

e en la casa di Latina de describerares desembles de la companie de la companie de la companie de la companie d

PLISOV, A.K.; BOGATSKIY, A.V.

Configuration and properties of unsaturated acids and their derivatives. Part 14: Properties of esters of cis- and transpetroselinic acids. Zhur.ob.khim. 31 no.10:3324-3326 0 '61.

(MIRA 14:10)

1. Odenskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti i Odenskiy gosudarstvennyy universitet imeni I. Nechnikova.

(Petroselinic acid)

PLISOV, A.K., BOGATSKIY, A.V.; BYKOVETS, A.I.; BOGATSKAYA, Z.D.

Synthesis of new sulfamide coupounds. Trudy OffPikhP 9 no.2:97-109
159. (MIRA 13:9)

(Sulfamide)

PLISOV, A.K.: ZHILA, L.A.

ente anuma logenta a semicración de material de la compansión de la compan

Configuration and properties of unsaturated acids and their derivatives. Part 10: Thiocyanation of oleic and elaidic acids and their esters. Zhur.ob.khim. 29 no.1:323-328 Ja *59.

(MIRA 12:4)

1. Odesskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Elaidic acid) (Oleic acid) (Thiocyanation)

AUTHORS:

Plisov, A. K., Bykovets, A. I.

SOV/156-58-3-35/52

TITLE:

The Thiocyanation of Oleic and Elaidic Acids and Their Esters (Rodanirovaniye oleinovoy i elaidinovoy kislot i ikh efirov)

PERIODICAL:

Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 1958, Nr 3, pp. 540-541 (USSR)

ABSTRACT:

Thiocyanate solutions are used for the quantitative analysis of fatty acid mixtures. It was found that the rate of thiocyanation of oleic and elaidic acid is different. The thiocyanate number was determined by means of the titration method, and the deposition in percentage of thiocyanate was calculated. The experimental results showed that the cis-form of the fatty acids is more quickly thiocyanated than the trans form, and that the free acids can be thiocyanated more slowly than the corresponding esters. Quantitatively the thiocyanation reaction of the cis and trans forms of elaidic acid and its esters resembles the hydration reaction of these compounds. There are 1 table and 5 references, 4 of which are Soviet.

Card 1/2

SOV/**156** -58-3-35/52

The Thiocyanation of Oleic and Elaidic Acids and Their Esters

ASSOCIATION:

Kafedra organicheskoy khimii Odesskogo tekhnologicheskogo instituta pishchevoy i kholodil'noy promysh-

lennosti

(Chair of Organic Chemistry at the Odessa Technological

Institute of Food and Refrigeration Industry)

SUBMITTED:

November 25, 1957

Card 2/2

AUTHORS:

Plisov, A. K., Zhila, L. A.

sov/79-29-1-68/74

TITLE:

Structure and Properties of the Unsaturated Acids and Their Derivatives (Konfiguratsiya i svoystva nepredel'nykh kislot i ikh proizvodnykh). X. Thiocyanation of Oleic and Elaidic Acids and Their Esters (X. Rodanirovaniye oleinovoy i elaidinovoy

kislot i ikh efirov)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 323-328 (USSR)

ABSTRACT:

Based upon the previous finding (Refs 1,2) that oleic and elaidic acid as well as their methyl esters react with different rapidity with thiocyanogen solutions and that the alcohol radicals exercise a different influence upon the reactivity of the cis and trans derivatives of unsaturated acids, the authors decided to solve this problem by a thiocyanation reaction. Apart from this, chemists are also interested in thiocyanation and thiocyanogen compounds as they are used in vulcanization of rubber, in medicine (Ref 3), in dye and inseticide production. For this purpose the following esters were synthesized: methyl-, ethyl-, butyl-, isobutyl-tert-amyl-, n.-hexyl-, benzyl-, phenyl- and α-naphthyl esters of oleic and elaidic acid. The thiocyanation of these compounds was carried out in reagents at

Card 1/2

504/79-29-1-68/74

Structure and Properties of the Unsaturated Acids and Their Derivatives. X. Thiocyanation of Oleic and Elaidic Acids and Their Esters

> various temperatures and in various concentrations. The results given in the experimental part give evidence of the fact that in the case of geometrical isomeric esters of the unsaturated acids the cis form thiocyanates more rapidly than the trans form. Apart from this, the influence exercised by the length of the chains and the dimension of the alcohol radical upon the reaction became particularly clear in the thiocyanation. For the purpose of clarifying the chemism of the thiocyanation reaction, the final products formed by the thiocyanation of the methyl esters of oleic and elaidic acid, i.e. dithiocyanogen methyl oleate and dithiocyanogen methyl elaidate were separated and characterized. There are 4 tables and 9 references, 5 of which are Soviet.

ASSOCIATION:

Odesskiy institut pishchevoy i kholodil'noy promyshlennosti (Odessa Institute of Tood and Refrigeration Industry)

SUBMITTED: Card 2/2

December 4, 1957

PLISOV, A.K.:; BYKOVETS, A.I.

Rhodanation of cleic and elaidic acids and their esters.

Mauch. dokl. vys. shkoly; khim. i khim. tekh. no.3:540-541
(MIRA 11:10)

1. Predstavlena kafedroy organicheskey khimii Odesskoge tekhnologicheskege instituta pishchevoy i kholodil'noy promyshlennesti. (Oleic acid) (Eladic acid)

Configuration and properties of unsaturated acids and their derivatives. Part 8: Reactivity of erucic and brassidic acids and their esters. Zhur.ob.khim. 28 no.2:498-502 f '58.

(MIRA 11:4)

1.0desskiy gosudarstvennyy universitet.
(Erucic acid) (Brassidic acid)

PLISOV, A.E.; PALADIYENKO, N.P.

Configurations and properties of unsaturated acids and their derivatives. Part 9: Properties of A-methylcrotonic acids and their esters. Zhur.ob.khim. 28 no.2:503-507 F **158. (MIRA 11:4)

1. Odesskiy gosudarstvennyy universitet.

(Crotonic acid) (Hydration)